

Farhat Ullah

Full-Stack Developer & AI Engineer • Founder & CEO, TABSAP

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Professional profile

Full-stack developer and AI engineer with professional software work since 2019. Founder and CEO of TABSAP, combining hands-on engineering with team leadership across software products, Odoo ERP, private AI systems, and enterprise integrations. I stay involved from requirements and architecture through implementation, deployment, documentation, and support. Co-author of published applied AI research.

Professional experience

TABSAP Software Company

Apr 2024–Present

Founder & CEO | Pakistan / Remote

- Lead requirements, architecture, technical decisions, implementation reviews, deployment, and support across software, AI automation, and Odoo engagements.
- Coordinate developers and international clients, define delivery stages and responsibilities, and document systems for ongoing ownership.
- Remain hands-on in product engineering, integrations, production troubleshooting, and infrastructure decisions.

Independent Full-Stack Consulting

2019–Mar 2024

Full-Stack Developer & Consultant | International clients / Remote

Delivered WordPress, WooCommerce, PHP, Laravel, and database-driven applications, including integrations, deployments, performance improvements, security work, and production support.

Selected contract roles

2021–2024

Apextal • iPlex Software Company • Technosoft Software Company

Built WordPress plugins, WooCommerce sites, backend features, themes, database workflows, and production fixes across contract engagements.

Selected work

TABSAP CRM

Early access

Lead an early-access Flutter, Laravel, and MySQL product for customer records, deal stages, follow-ups, activity history, tasks, dashboards, and role-based team access. Windows and Android are available; iOS and macOS are on the roadmap.

Private AI Knowledge Assistant with Nextcloud

2024

Integrated a self-hosted assistant with Nextcloud so users could retrieve information from company documents within their own infrastructure, with an emphasis on data control and defined retrieval workflows.

Odoo ERP & ZATCA Phase 2 Integration

Saudi Arabia

Implemented invoice clearance, bilingual invoice layouts, integration-status visibility, advance recovery, and retention workflows connecting operational requirements with invoicing and accounting.

Odoo Payment Gateway Integrations

Czech Republic

Developed Pays.cz and Comgate connectors that linked Czech payment services with Odoo e-commerce workflows.

TABSAP LMS

Early access

Lead product work on a web and mobile learning platform for course publishing, lessons, assessments, learner management, and administration.

Applied AI research

Khan, A., Saeed, M., Din, F., Ullah, F., & Ullah, S. (2026). *Physics-informed machine learning screening and validation of metal-organic framework/g-C₃N₄ heterojunction photocatalysts*. Chinese Journal of Physics, 103, 1881–1895.
[doi:10.1016/j.cjph.2026.07.025](https://doi.org/10.1016/j.cjph.2026.07.025)

Contribution: Methodology, formal analysis, validation, visualization, writing the original draft, and review and editing.

Technical skills

AI and automation: RAG, LangChain, LangGraph, n8n, vector databases, private knowledge assistants, model and tool integration, and workflow evaluation.

Application engineering: Python, PHP, TypeScript, JavaScript, Laravel, Next.js, React, Node.js, REST/GraphQL APIs, Flutter, and React Native.

ERP and commerce: Odoo, Python ORM, XML, QWeb, XML-RPC, ZATCA Phase 2, WordPress, WooCommerce, and payment and shipping integrations.

Data and infrastructure: PostgreSQL, MySQL, MongoDB, Redis, SQLite, Docker, Linux, Nginx, Cloudflare, Git, CI/CD, backups, and monitoring.

Education and recognition

Bachelor's degree in Computer Science

2019–2023

University of Malakand, Pakistan

Recognition: Upwork Top Rated Plus with 100% Job Success, verified on the public Upwork profile on 30 September 2026.

Languages: English, Urdu, and Pashto.